

## ABSTRACT

A compilation and translation system internationalizes an application authored for one locale for use in other locales. The system automatically extracts locale-sensitive content (e.g., language, regional information, slang, cultural aspects, etc.) from the source code and other locale-independent elements (e.g., formatting data). The extracted content can then be translated for use in the other locales. During runtime, requests from different locales can be served locale-sensitive responses by retrieving the source code and dynamically populating it with the appropriate content for the target locale.